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(71)Applicant : IDEMITSU PETROCHEM CO LTD
PETROLEUM ENERGY CENTER

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(72)Inventor : CHIGA MINORU
OKAMOTO MASAYA
HAYASHI MIKIYA

(54) METHOD FOR PRODUCING POLYARYRENE SULFIDE

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a method for continuously polymerizing a polyarylene sulfide(PAS), effective for the enhancement of its molecular weight and stabilization by establishing a method capable of discharging a polymer phase and a solvent phase in a constant ratio from a polymerization vessel and consequently always maintaining the PAS composition (concentration) in the polymerization vessel in the continuous polymerization process of the PAS.

SOLUTION: This method for continuously producing the polyarylene sulfide by reacting a sulfur source with dihalogenated aromatic compound in an aprotic solvent is characterized by comprising at least one polymerization reaction process in which the polymer phase as a dispersing phase is a spherical liquid droplet.

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